## Author Index to Volume 26

(The issue number is given in front of the pagination)

Appenia, J., see Huizer, E.	(3)	) 31	13- 309	binding, C. and H. Rudin, A multi-dimen-			
Abeysundara, B.W., see Kamal, A.E.	(5)	) 50	63- 583	sional view of multimedia	(10)	1251-	1252
Acampora, A.S., see Elby, S.D.	(6-8)	104	43-1062	Blair, G.S., see Coulson, G.	(10)	1323-	1341
Adams, J.L., Orwell	(6-8)	7	71- 784	Boavida, F., see Monteiro, E.	(3)	379-	388
Afifi, H., A hierarchical directory based	d			Bolognesi, T., E. Najm and P.A.J. Tilanus,			
X.400 server	(3)	3	17- 326	G-LOTOS: a graphical language for con-			
Agrawala, A.K., see Sanghi, D.	(3)	3	71- 378	current systems	(9)	1101-	-1127
Ajmone Marsan, M., G. Albertengo, C	1			Bondi, A.B. and WS. Lai, The influence of			
Casetti, F. Neri and G. Panizzardi, Or	n			cell loss patterns and overheads on re-			
the performance of topologies and acces	S			transmission choices in broadband ISDN	(5)	585-	598
protocols for high-speed LANs and	d			Bonomi, F., S. Montagna and R. Paglino, A			
MANs	(6-8)	) 8	73- 894	further look at statistical multiplexing in			
Akyildiz, I.F., I. Rubin and K. Sohraby	1,			ATM networks	(1)	119-	- 138
Teletraffic issues in ATM networks	(1)	)	1- 4	Borgonovo, F., see Fratta, L.	(6-8)	985-	-1005
Albertengo, G., see Ajmone Marsan, M.	(6-8)	) 8	73- 894	Born, R.G., Packet-switching network per-			
Asaka, T., see Saito, H.	(9)	10	89-1099	formance under real-time voice-call load-			
				ing	(11)	1447-	-1456
Badran, H.F. and H.T. Mouftah, ATM switc	h			Bovio, D. and G. Lloyd, Monitoring EARN			
architectures with input-output-buffer				networking services		343-	- 348
ing: effect of input traffic correlation	1,			Brassil, J., A.K. Choudhury and N.F. Max-			
contention resolution policies, buffer a	<b> </b> -			emchuk, The Manhattan Street Network:			
location strategies and delay in backpres	ş-			a high performance, highly reliable			
sure signal	(9)	) 11	87-1213	metropolitan area network	(6-8)	841-	- 858
Baiocchi, A., L. Gratta, M. Listanti, G. Pac	i-			Bumbulis, P.J., D.D. Cowan, C.M. Durance			
fici, A. Roveri and R. Winkler, The adap	)-			and T.M. Stepien, An introduction to the			
tive cycle cell insertion MAC protocol for	r			OSI Directory Services	(2)	239-	- 249
high throughput and fair multiaccess ne	t-						
works	(6-8)	) 7	57- 770	Casetti, C., see Ajmone Marsan, M.	(6-8)	873-	- 894
Bakker, E.M., J. van Leeuwen and R.B. Tar	1,			Chan, S., see Zukerman, M.	(1)	109-	- 117
Prefix routing schemes in dynamic ne	t-			Chang, CJ., JH. Chiu and SJ. Lin, The			
works	(4)	) 4	03- 421	delay analysis in a noisy general cut-			
Banerjea, A., see Ferrari, D.	(10)	) 12	67-1280	through switching network	(2)	185-	- 194
Bannister, J., see Fratta, L.	(6-8)	) 9	85-1005	Chang, CJ., PC. Lin and JM. Chen,			
Bannister, J., see Gerla, M.	(6-8)	) 9	65- 983	Study on optimal queue-length-threshold			
Barbosa, L.O., see Gupta, A.K.	(4)	) 4	33- 445	scheduling policy for an ATM multi-			
Barker, P., Experiences in providing a whit	e			plexer with finite buffers and batch Pois-			
pages directory service based on th	e			son arrivals	(5)	525-	- 540
X.500 standard	(11)	) 13	65-1374	Chen, JM., see Chang, CJ.	(5)	525-	- 540
Barry, S., P. McQuillan, M. Purser and	J.			Cheng, TH., Bandwidth allocation in B-			
Moffett, Implementing and proving secu	1-			ISDN	(9)	1129-	-1142
rity services for the RARE/COSIN	E			Chiu, JH., see Chang, CJ.	(2)	185-	- 194
community	(3)	) 2	63- 267	Chlamtac, I. and A. Fumagalli, Quadro: A			
Beeler, R., see Slosiar, R.	(6-8)	) 7	99- 815	solution to packet switching in optical			
Bennett, K.H., see Younger, E.J.	(4)	) 3	91- 402	transmission networks	(6-8)	945-	- 963
Betts, R., see Pham, X.H.	(5)	) 5	11- 524	Chlamtac, I. and T. Zhang, A counter based	1		

congestion control (CBC) for ATM no		Optical tree topologies: Access contre			
works	(1) 5- 27	and wavelength assignment	(6-8)	965-	983
Cho, YJ. and CK. Un, Performance ana	ly-	Gerla, M., see Fratta, L.	(6-8)	985 - 1	005
sis of reconstruction algorithms for pack		Glance, B., see Karol, M.J.	(6-8)	931-	943
voice communications	(11) 1385–1408	Glitho, R.H., Signalling system number			
Chong, K.U., see Youn, C.J.	(12) 1559–1580	network services part and X.25: A con			
Choudhury, A.K., see Brassil, J.	(6-8) 841- 858	parative study		1495 - 1	
Chowdhury, S. and K. Sohraby, Bandwid		Gratta, L., see Baiocchi, A.		757-	
allocation algorithms for packet video	in	Gregori, E., see Conti, M.		711-	
ATM networks	(9) 1215–1223	Gudmundsson, O., see Sanghi, D.		371-	
Cideciyan, R.D., see Zurfluh, E.A.	(2) 163- 183	Guérin, R., see Gün, L.		61-	78
Colin, M. and B. Sales, (N)-LMP: an arch		Gün, L. and R. Guérin, Bandwidth manag			
tecture for the OSI lower layers manage		ment and congestion control framewor			
ment	(3) 337- 342	of the broadband network architecture	(1)	61-	78
Conti, M., E. Gregori and L. Lenzini, E-DC	,	Gupta, A.K., L.O. Barbosa and N.D. Geo			
an extension of the distributed-contr		ganas, Switching modules for AT			
polling MAC protocol (DCP) for in		switching systems and their interconne			
grated services	(6-8) 711- 719	tion networks	(4)	433-	445
Cooper, R., SuperJANET. The gestation o	fa				
high performance national research ne		Hahne, E.L., C.R. Kalmanek and S.P. Mo			
work	(3) 269- 274	gan, Dynamic window flow control on	a		
Coulson, G., G.S. Blair and P. Rob	in,	high-speed wide-area data network	(1)	29-	41
Micro-kernel support for continuous n		Handley, M.J., P.T. Kirstein and M.A. Sass	se,		
dia in distributed systems	(10) 1323–1341	Multimedia integrated conferencing f	or		
Cowan, D.D., see Bumbulis, P.J.	(2) 239- 249	European researchers (MICE): pilotin	ng		
		activities and the conference manag	e-		
Davids, P., T. Meuser and O. Spaniol, FDI	DI:	ment and multiplexing centre	(3)	275-	290
status and perspectives	(6-8) $657-677$	Hartley-Davies, R., see Younger, E.J.	(4)	391-	402
Dècina, M., V. Trecordi, G. Zanolini and	D.	Hassanein, H.S., see Kamal, A.E.	(6-8)	695-	710
Zucca, Two simple techniques for broad	nd-	Heijink, R.J., FAITH, a general purpo	se		
casting in deflection routing multicha	an-	protocol test system for ISDN	(12)	1581-	1593
nel MANs	$(6-8)\ 1023-1041$	Heijne, M., see Huizer, E.	(3)	305-	309
Dill, P., see Zurfluh, E.A.	(2) 163- 183	Heller, R., see Zurfluh, E.A.	(2)	163-	183
Domingo-Pascual, J., see Solé-Pareta, J.	(11) 1351–1363	Higuchi, K., see Mansfield, G.	(3)	327-	335
Durance, C.M., see Bumbulis, P.J.	(2) $239-249$	Hopper, A., Communications at the deskto	op (10)	1253-	1265
		Huang, H.K. and T. Suda, Collision avoi	id-		
Elby, S.D. and A.S. Acampora, Waveleng	th-	ance tree networks	(6-8)	895-	911
based cell-switching in ATM multil	юр	Huizer, E., J. Abbema, M. Heijne and	T.		
lightwave networks	(6-8) 1043-1062	Verschuren, Reaching out to the end us	ser (3)	305-	309
Færgemand, O. and A. Olsen, Introduct		Imai, K., T. Ito, H. Kasahara and N. Mori	ta,		
to SDL-92	(9) 1143–1167	ATMR: Asynchronous transfer mode ri	_		
Fayet, C., A. Jacques and G. Pujolle, H		protocol		785-	
speed switching for ATM: the BSS	(9) 1225–1234	Ito, T., see Imai, K.	(6-8)	785-	798
Ferrari, D., A. Banerjea and H. Zhang, N					
work support for multimedia. A disc		Jabbari, B., see Yegenoglu, F.		1169-	
sion of the Tenet Approach	(10) 1267–1280	Jacques, A., see Fayet, C.		1225-	
Fratta, L., F. Borgonovo, J. Bannister		Jayanthi, K., see Mansfield, G.	(3)	327-	33
M. Gerla, Routing and admission con in the multihop wavelength-division o		Jeffay, K., D.L. Stone and F.D. Smith, Tra- port and display mechanisms for mu			
cal network	(6-8) 985-1005	media conferencing across pack			
Freitas, V., see Monteiro, E.	(3) 379- 388	switched networks		1281-	-130
Fumagalli, A., see Chlamtac, I.	(6-8) 945- 963	Jiang, X. and J.S. Meditch, A high-spe			
		integrated services ATM/STM switch		459-	- 47
rumy, w. and M. Lecierc, Placement		Johannsen, T., see Mansfield, G.		327-	
Fumy, W. and M. Leclerc, Placement cryptographic key distribution with	hin		(0)		
cryptographic key distribution with		- , , , , , , , , , , , , , , , , , , ,			
			(1)	29-	. 4
cryptographic key distribution wit OSI: design alternatives and assessmen	ent (2) 217- 225	Kalmanek, C.R., see Hahne, E.L.	(1)	) 29-	- 4
cryptographic key distribution with			rid	29-	- 4

Kamal, A.E., J.W. Wong and H.S. Ha	ns-	Meditch, J.S., see Jiang, X.	(4) 45	59- 477
sanein, An algorithm for slot reuse	in	Meier, A., see Le Boudec, JY.	(11) 140	9-1424
DQDB networks with erasure nodes	(6-8) 695- 710	Meuser, T., see Davids, P.	(6-8) 65	57- 677
Kamal, A.E., The multi-token ring netwo	rk	Meyer, J.F., S. Montagna and R. Pagline	D,	
protocol	(12) 1477-1494	Dimensioning of an ATM switch wit	h	
Kamal, A.E., see Mukherjee, B.	(6-8) 721 – 744	shared buffer and threshold priority	(1) 9	95- 108
Karol, M.J. and B. Glance, A collision-ave	oi-	Moffett, J., see Barry, S.	(3) 26	53- 267
dance WDM optical star network	(6-8) 931- 943	Moharram, O.E., Customer network man	n-	
Kasahara, H., see Imai, K.	(6-8) 785- 798	agement systems: load and performance	(4) 44	47- 457
Katsavos, P. and V. Varadharajan, A secu	ire	Montagna, S., see Bonomi, F.	(1) 11	19- 138
Frame Relay service	(12) 1539-1558	Montagna, S., see Meyer, J.F.	(1)	95- 108
Kavehrad, M., see Sudhakar, G.N.M.	(6-8) 913- 930	Monteiro, E., F. Boavida and V. Freitas,	A	
Khanna, V.K. and S. Singh, An improv	ed	fairness analysis of LAN/WAN protoc	ol	
"Piggyback Ethernet" protocol and	its	relays	(3) 3	79- 388
analysis	(11) 1437-1446	Morgan, S.P., see Hahne, E.L.	(1)	29- 41
Khanna, V.K., Timer management in X.	.25	Morita, N., see Imai, K.	(6-8) 78	85- 798
layer 2 - An interpretation	(12) 1533–1538	Mouftah, H.T., see Badran, H.F.	(9) 118	87-1213
Khasnabish, B., A new method for evalu	at-	Mouftah, H.T., see Widjaja, I.	(1) 13	39- 159
ing packet routing policies in sup	ra-	Moulton, R., see Tuck, B.	(3) 29	91- 296
high-speed metropolitan (or wide) an	rea	Mueller, P., see Zurfluh, E.A.	(2) 1	63- 183
networks	(2) 195- 216	Muftic, S., Security architecture for OL	P	
Kirstein, P.T., see Handley, M.J.	(3) 275- 290	systems. Final results of the CEC COS	Γ-	
Klett, T.M., see Owen, H.L.	(5) 481- 491	11 Ter "Security" Project		43-1349
Kovačević, M., see Gerla, M.	(6-8) 965- 983	Mukherjee, B. and A.E. Kamal, The contin	u-	
Kure, Ø. and I. Sorteberg, XTP over ATM	M (3) 253- 262	ation-bit approach and the p <sub>i</sub> -persiste	nt	
Kwong, W.C. and P.R. Prucnal, Ultraf	ast	protocol for scheduling variable-leng	th	
all-optical code-division multiple-acc	ess	messages on slotted, high-speed, fib	er	
(CDMA) fiber-optic networks	(6-8) 1063-1086	optic LANs/MANs	(6-8) 7	21- 744
		Myles, A. and D. Skellern, Comparing for	ur	
Lai, WS., see Bondi, A.B.	(5) 585- 598	IP based mobile host protocols	(3) 3	49- 355
Leblanc, L.J. and S. Narasimhan, Topolo	ogi-			
cal expansion of metropolitan area r	iet-	Najm, E., see Bolognesi, T.	(9) 11	01-1127
works	(9) 1235–1248	Narasimhan, S., see Leblanc, L.J.	(9) 12	235-1248
Le Boudec, JY., A. Meier, R. Oechsle	and	Nemoto, Y., see Mansfield, G.	(3) 3	327- 335
H.L. Truong, Connectionless data serv		Neri, F., see Ajmone Marsan, M.		373 – 894
in an ATM-based customer premises r		Noguchi, S., see Mansfield, G.	(3) 3	327- 335
work	(11) 1409–1424			
Leclerc, M., see Fumy, W.	(2) 217- 225	Oechsle, R., see Le Boudec, JY.		109-1424
Lemppenau, W., see Zurfluh, E.A.	(2) 163- 183	Ofek, Y. and M. Yung, Routing and fl-		
Lemppenau, W.W., see van As, H.R.	(6-8) 831- 840	control on the MetaNet: an overview		859- 872
Lenzini, L., see Conti, M.	(6-8) 711- 719	Ofek, Y., Overview of the MetaRing arc		
Leon-Garcia, A., see Widjaja, I.	(1) 139– 159	tecture		817- 829
Lin, K.D., see Rubin, I.	(11) 1457–1473	Ofek, Y., see Simha, R.		375-1384
Lin, PC., see Chang, CJ.	(5) 525- 540	Olsen, A., see Færgemand, O.		143-1167
Lin, SJ., see Chang, CJ.	(2) 185- 194	Owen, H.L. and T.M. Klett, Synchrono		
Listanti, M., see Baiocchi, A.	(6-8) 757- 770	digital hierarchy network pointer simu		
Lloyd, G., see Bovio, D.	(3) 343- 348	tion	(5)	481- 491
Maitra, P., see Sen, A.	(6-8) 1007-1022	Pacifici, G., see Baiocchi, A.	(6-8)	757- 770
Mansfield, G., K. Jayanthi, K. Higuchi	, T.	Paglino, R., see Bonomi, F.	(1)	119- 138
Johannsen, Y. Nemoto and S. Nogu	chi,	Paglino, R., see Meyer, J.F.	(1)	95- 108
Mapping communication networks in	the	Panizzardi, G., see Ajmone Marsan, M.	(6-8)	873- 894
directory	(3) 327- 335	Perkins, C., Providing continuous netwo	ork	
Mark, J.W., see Wu, GL.	(1) 79- 94	access to mobile hosts using TCP/IP	(3)	357- 369
Martinez, R., see Pitts, R.A.	(4) 423- 432	Peyravian, M., An improved selective rep	eat	
Martini, P., Connection oriented data	ser-	protocol and its performance in hi	gh-	
vice in DQDB	(6-8) 679- 694	speed environments	(12) 1	595-1605
Massart, T., A collision problem in	OSI	Pham, X.H. and R. Betts, Congestion con-	trol	
standard formal specifications	(2) 233- 238	for intelligent networks	(5)	511- 524
Maxemchuk, N.F., see Brassil, J.	(6-8) 841- 858	Pitts, R.A., R. Martinez and L.C. School		
McQuillan, P., see Barry, S.	(3) 263- 267	CSMA/CD with network partitioning	(4)	423- 432

Plagemann, T. and B. Plattner, X.500 f		Spaniol, O., see Davids, P.	(6-8)	657- 677
non-technical users	(3) 311- 315	Sriram, K., Methodologies for bandwidth a	l-	
Plattner, B., see Plagemann, T.	(3) 311- 315	location, transmission scheduling, an	d	
Potts, M., see Slosiar, R.	(6-8) 799– 815	congestion avoidance in broadband ATM	Л	
Prucnal, P.R., see Kwong, W.C.	$(6-8)\ 1063-1086$	networks	(1)	43- 59
Pujolle, G., see Fayet, C.	(9) 1225–1234	Sriram, R., see Raghavan, S.V.	(11) 1	425-1436
Purser, M., see Barry, S.	(3) $263 267$	Stavrakakis, I. and S. Tsakiridou, A Marko	V	
		service policy with application to th	e	
Raghavan, S.V. and R. Sriram, Example I	m-	queueing study of a DQDB station	(12) 1	503-1522
plementation of Name Services usi	ng	Stepien, T.M., see Bumbulis, P.J.	(2)	239- 249
X.500 Directory	(11) 1425–1436	Stockman, B., Global connectivity — th	e	
Ramakrishnan, S., see Rao, B.M.	(5) 493- 509	Global Internet eXchange (GIX)	(3)	297- 303
Ramanathan, S., H.M. Vin and P.V. Ranga	in,	Stone, D.L., see Jeffay, K.	(10) 1	1281-1304
Towards personalized multimedia dial-	up	Suda, T., see Huang, H.K.	(6-8)	895- 911
services	$(10)\ 1305 - 1322$	Sudhakar, G.N.M., M. Kavehrad and N.I	).	
Rangan, P.V., see Ramanathan, S.	$(10)\ 1305 - 1322$	Georganas, Access protocols for passiv	/e	
Rao, B.M. and S. Ramakrishnan, Models		optical star networks	(6-8)	913- 930
performance evaluation of a local at		Top D.D. and Bobban E.M.	(1)	102 121
network with a file server	(5) 493- 509	Tan, R.B., see Bakker, E.M.		403 – 421
Robin, P., see Coulson, G.	(10) 1323–1341	Tilanus, P.A.J., see Bolognesi, T.		1101-1127
Roveri, A., see Baiocchi, A.	(6-8) 757- 770	Trecordi, V., see Dècina, M.		1023-1041
Rubin, I. and K.D. Lin, Input rate flow co		Truong, H.L., see Le Boudec, JY.		1409-1424
trol for high-speed communication n		Tsakiridou, S., see Stavrakakis, I.		1503-1522
works: Blocking and delay at the acc		Tsin, Y.H., Incremental distributed asy		
points	(11) 1457–1473	chronous algorithm for minimum spa		
Rubin, I., see Akyildiz, I.F.	(1) 1- 4	ning trees		227- 232
Rudin, H., see Binding, C.	(10) 1251–1252	Tuck, B. and R. Moulton, Using X.400 for		
Rudin, H., see van As, H.R.	(6-8) 601- 602	document delivery	(3)	291- 296
Saiedian, H., see Vaughn, R.B.	(12) 1523-1531	Un, CK., see Cho, YJ.	(11)	1385-1408
Saito, H. and T. Asaka, Traffic aspect	of	Unger, E.A., see Vaughn, R.B.	(12)	1523-1531
personal telecommunications in inte	elli-			
gent networks	(9) 1089-1099	van As, H.R. and H. Rudin, Media-acce	SS	
Sales, B., see Colin, M.	(3) 337- 342	techniques for high-speed LANs ar	nd	
Sanghi, D., O. Gudmundsson and A	.K.	MANs	(6-8)	601- 602
Agrawala, Study of network dynamics	(3) 371- 378	van As, H.R., W.W. Lemppenau, H.R.		
Sasse, M.A., see Handley, M.J.	(3) 275- 290	Schindler and P. Zafiropulo, CRMA-		
	(3) 275- 290	Schindler and P. Zafiropulo, CRMA- A MAC protocol for ring-based Gb	II:	
Schindler, H.R., see Zurfluh, E.A.		A MAC protocol for ring-based Gb,	II: /s	831- 840
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R.	(3) 275- 290 (2) 163- 183 (6-8) 831- 840	A MAC protocol for ring-based Gb LANs and MANs	II: /s (6-8)	831- 840
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A.	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432	A MAC protocol for ring-based Gb LANs and MANs van As, H.R., Media access techniques: T	II: /s (6-8) he	831- 840
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy	A MAC protocol for ring-based Gb LANs and MANs van As, H.R., Media access techniques: T evolution towards terabit/s LANs at	II: /s (6–8) he nd	
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy	A MAC protocol for ring-based Gb LANs and MANs van As, H.R., Media access techniques: T evolution towards terabit/s LANs at MANs	II: /s (6-8) he nd (6-8)	603- 656
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap-	A MAC protocol for ring-based Gb, LANs and MANs van As, H.R., Media access techniques: T evolution towards terabit/s LANs at MANs van Leeuwen, J., see Bakker, E.M.	II: /s /s (6–8) he nd (6–8) (4)	603- 656 403- 421
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave plications	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap- (6-8) 1007-1022	A MAC protocol for ring-based Gb. LANs and MANs van As, H.R., Media access techniques: T evolution towards terabit/s LANs and MANs van Leeuwen, J., see Bakker, E.M. Varadharajan, V., see Katsavos, P.	II: /s (6-8) he nd (6-8) (4) (12)	603- 656 403- 421
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave plications Silvester, J.A., see Wang, J.L.	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap- (6-8) 1007-1022 (5) 541- 562	A MAC protocol for ring-based Gb. LANs and MANs van As, H.R., Media access techniques: T evolution towards terabit/s LANs and MANs van Leeuwen, J., see Bakker, E.M. Varadharajan, V., see Katsavos, P. Vaughn, R.B., H. Saiedian and E.A. Ung	II: /s (6-8) he nd (6-8) (4) (12)	603- 656 403- 421
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave plications Silvester, J.A., see Wang, J.L. Simha, R. and Y. Ofek, Reducing glo	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap- (6-8) 1007-1022 (5) 541- 562	A MAC protocol for ring-based Gb. LANs and MANs van As, H.R., Media access techniques: T evolution towards terabit/s LANs and MANs van Leeuwen, J., see Bakker, E.M. Varadharajan, V., see Katsavos, P. Vaughn, R.B., H. Saiedian and E.A. Ungan A proposed mechanism for implementation.	II: /s (6-8) he nd (6-8) (4) (12) er, ta-	603- 656 403- 421
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave plications Silvester, J.A., see Wang, J.L. Simha, R. and Y. Ofek, Reducing glo address recognition delays in local a	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap- (6-8) 1007-1022 (5) 541- 562 obal	A MAC protocol for ring-based Gb, LANs and MANs van As, H.R., Media access techniques: T evolution towards terabit/s LANs and MANs van Leeuwen, J., see Bakker, E.M. Varadharajan, V., see Katsavos, P. Vaughn, R.B., H. Saiedian and E.A. Ung A proposed mechanism for implemention of non-discretionary access control	II: /s (6-8) he nd (6-8) (4) (12) er, ta- ols	603- 656 403- 421 1539-1558
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave plications Silvester, J.A., see Wang, J.L. Simha, R. and Y. Ofek, Reducing glo address recognition delays in local a networks with spatial bandwidth reuse	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap- (6-8) 1007-1022 (5) 541- 562 obal urea e (11) 1375-1384	A MAC protocol for ring-based Gb, LANs and MANs van As, H.R., Media access techniques: T evolution towards terabit/s LANs at MANs van Leeuwen, J., see Bakker, E.M. Varadharajan, V., see Katsavos, P. Vaughn, R.B., H. Saiedian and E.A. Ung A proposed mechanism for implemention of non-discretionary access control in a network environment	II: /s /s (6–8) he (6–8) (4) (12) er, ta- bls (12)	603- 656 403- 421 1539-1558
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave plications Silvester, J.A., see Wang, J.L. Simha, R. and Y. Ofek, Reducing glo address recognition delays in local a networks with spatial bandwidth reuse Singh, S., see Khanna, V.K.	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap- (6-8) 1007-1022 (5) 541- 562 obal area e (11) 1375-1384 (11) 1437-1446	A MAC protocol for ring-based Gb. LANs and MANs van As, H.R., Media access techniques: Tievolution towards terabit/s LANs and MANs van Leeuwen, J., see Bakker, E.M. Varadharajan, V., see Katsavos, P. Vaughn, R.B., H. Saiedian and E.A. Unga A proposed mechanism for implementation of non-discretionary access control in a network environment Verschuren, T., see Huizer, E.	II: /s (6-8) he nd (6-8) (12) er, ta- bls (12) (3)	603- 656 403- 421 1539-1558 1523-1531 305- 309
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave plications Silvester, J.A., see Wang, J.L. Simha, R. and Y. Ofek, Reducing glo address recognition delays in local a networks with spatial bandwidth reuse Singh, S., see Khanna, V.K. Skellern, D., see Myles, A.	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap- (6-8) 1007-1022 (5) 541- 562 obal area e (11) 1375-1384 (11) 1437-1446 (3) 349- 355	A MAC protocol for ring-based Gb, LANs and MANs van As, H.R., Media access techniques: T evolution towards terabit/s LANs at MANs van Leeuwen, J., see Bakker, E.M. Varadharajan, V., see Katsavos, P. Vaughn, R.B., H. Saiedian and E.A. Ung A proposed mechanism for implemention of non-discretionary access control in a network environment	II: /s (6-8) he nd (6-8) (12) er, ta- bls (12) (3)	603- 656 403- 421 1539-1558 1523-1531 305- 309
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave plications Silvester, J.A., see Wang, J.L. Simha, R. and Y. Ofek, Reducing gle address recognition delays in local a networks with spatial bandwidth reuse Singh, S., see Khanna, V.K. Skellern, D., see Myles, A. Slosiar, R., M. Potts and R. Beeler, MD	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap- (6-8) 1007-1022 (5) 541- 562 obal area e (11) 1375-1384 (11) 1437-1446 (3) 349- 355	A MAC protocol for ring-based Gb. LANs and MANs van As, H.R., Media access techniques: T evolution towards terabit/s LANs and MANs van Leeuwen, J., see Bakker, E.M. Varadharajan, V., see Katsavos, P. Vaughn, R.B., H. Saiedian and E.A. Unge A proposed mechanism for implementation of non-discretionary access control in a network environment Verschuren, T., see Huizer, E. Vin, H.M., see Ramanathan, S.	(6-8) he (6-8) (6-8) (4) (12) er, ta- obls (12) (3) (10)	603- 656 403- 421 1539-1558 1523-1531 305- 309
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave plications Silvester, J.A., see Wang, J.L. Simha, R. and Y. Ofek, Reducing glo address recognition delays in local a networks with spatial bandwidth reus. Singh, S., see Khanna, V.K. Skellern, D., see Myles, A. Slosiar, R., M. Potts and R. Beeler, MD A distributed queueing protocol with	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap- (6-8) 1007-1022 (5) 541- 562 obal area e (11) 1375-1384 (11) 1437-1446 (3) 349- 355 <sup>3</sup> Q: full	A MAC protocol for ring-based Gb. LANs and MANs van As, H.R., Media access techniques: T evolution towards terabit/s LANs and MANs van Leeuwen, J., see Bakker, E.M. Varadharajan, V., see Katsavos, P. Vaughn, R.B., H. Saiedian and E.A. Unge A proposed mechanism for implementation of non-discretionary access control in a network environment Verschuren, T., see Huizer, E. Vin, H.M., see Ramanathan, S. Wang, J.L. and J.A. Silvester, Throughp	II: /s (6-8) he nd (6-8) (4) (12) er, ta- bls (12) (3) (10) out	603- 656 403- 421 1539-1558 1523-1531 305- 309
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave plications Silvester, J.A., see Wang, J.L. Simha, R. and Y. Ofek, Reducing glo address recognition delays in local a networks with spatial bandwidth reuse Singh, S., see Khanna, V.K. Skellern, D., see Myles, A. Slosiar, R., M. Potts and R. Beeler, MD A distributed queueing protocol with channel capacity re-use and guarante	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap- (6-8) 1007-1022 (5) 541- 562 obal area e (11) 1375-1384 (11) 1437-1446 (3) 349- 355 of till e of	A MAC protocol for ring-based Gb. LANs and MANs van As, H.R., Media access techniques: T evolution towards terabit/s LANs and MANs van Leeuwen, J., see Bakker, E.M. Varadharajan, V., see Katsavos, P. Vaughn, R.B., H. Saiedian and E.A. Ung: A proposed mechanism for implement tion of non-discretionary access control in a network environment Verschuren, T., see Huizer, E. Vin, H.M., see Ramanathan, S. Wang, J.L. and J.A. Silvester, Throughpy optimization in single commodity multiple services in the second services of the second services and see the second services of the second services and services are services and services are services as a service services and services are services as a	II: /s (6-8) the ind (6-8) (4) (12) er, ta- bls (12) (3) (10) out	603 – 656 403 – 421 1539 – 1558 1523 – 1531 305 – 309 1305 – 1322
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave plications Silvester, J.A., see Wang, J.L. Simha, R. and Y. Ofek, Reducing glo address recognition delays in local a networks with spatial bandwidth reuse Singh, S., see Khanna, V.K. Skellern, D., see Myles, A. Slosiar, R., M. Potts and R. Beeler, MD A distributed queueing protocol with channel capacity re-use and guarante bandwidth	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap- (6-8) 1007-1022 (5) 541- 562 obal urea e (11) 1375-1384 (11) 1437-1446 (3) 349- 355 <sup>3</sup> Q: full e of (6-8) 799- 815	A MAC protocol for ring-based Gb. LANs and MANs van As, H.R., Media access techniques: Tievolution towards terabit/s LANs and MANs van Leeuwen, J., see Bakker, E.M. Varadharajan, V., see Katsavos, P. Vaughn, R.B., H. Saiedian and E.A. Unga A proposed mechanism for implemention of non-discretionary access control in a network environment Verschuren, T., see Huizer, E. Vin, H.M., see Ramanathan, S. Wang, J.L. and J.A. Silvester, Throughpy optimization in single commodity mulhop packet radio networks	II: /s (6-8) he h	603- 656 403- 421 1539-1558 1523-1531 305- 309 1305-1322 541- 562
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave plications Silvester, J.A., see Wang, J.L. Simha, R. and Y. Ofek, Reducing gle address recognition delays in local a networks with spatial bandwidth reuse Singh, S., see Khanna, V.K. Skellern, D., see Myles, A. Slosiar, R., M. Potts and R. Beeler, MD A distributed queueing protocol with channel capacity re-use and guarante bandwidth Smith, F.D., see Jeffay, K.	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap- (6-8) 1007-1022 (5) 541- 562 obal area e (11) 1375-1384 (11) 1437-1446 (3) 349- 355 <sup>3</sup> Q: full e of (6-8) 799- 815 (10) 1281-1304	A MAC protocol for ring-based Gb. LANs and MANs van As, H.R., Media access techniques: T evolution towards terabit/s LANs and MANs van Leeuwen, J., see Bakker, E.M. Varadharajan, V., see Katsavos, P. Vaughn, R.B., H. Saiedian and E.A. Unga A proposed mechanism for implemention of non-discretionary access control in a network environment Verschuren, T., see Huizer, E. Vin, H.M., see Ramanathan, S. Wang, J.L. and J.A. Silvester, Throughpy optimization in single commodity mulhop packet radio networks Watson, G., The S + + MAC protocol	II: /s /6-8) he nd (6-8) (4) (12) er, ta- ta- tols (10) out	603- 656 403- 421 1539-1558 1523-1531 305- 309 1305-1322 541- 562
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave plications Silvester, J.A., see Wang, J.L. Simha, R. and Y. Ofek, Reducing glo address recognition delays in local a networks with spatial bandwidth reuse Singh, S., see Khanna, V.K. Skellern, D., see Myles, A. Slosiar, R., M. Potts and R. Beeler, MD A distributed queueing protocol with channel capacity re-use and guarante bandwidth Smith, F.D., see Jeffay, K. Sohraby, K., see Akyildiz, I.F.	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap- (6-8) 1007-1022 (5) 541- 562 obal area e (11) 1375-1384 (11) 1437-1446 (3) 349- 355 full e of (6-8) 799- 815 (10) 1281-1304 (1) 1- 4	A MAC protocol for ring-based Gb. LANs and MANs van As, H.R., Media access techniques: T evolution towards terabit/s LANs and MANs van Leeuwen, J., see Bakker, E.M. Varadharajan, V., see Katsavos, P. Vaughn, R.B., H. Saiedian and E.A. Unge A proposed mechanism for implement tion of non-discretionary access control in a network environment Verschuren, T., see Huizer, E. Vin, H.M., see Ramanathan, S. Wang, J.L. and J.A. Silvester, Throughp optimization in single commodity mulhop packet radio networks Watson, G., The S + + MAC protocol Widjaja, I., A. Leon-Garcia and H.T. Mo	II: /s /s (6-8) he nd (6-8) (12) er, la- la- lti- (5) (6-8) uf-	603- 656 403- 421 1539-1558 1523-1531 305- 309 1305-1322 541- 562
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave plications Silvester, J.A., see Wang, J.L. Simha, R. and Y. Ofek, Reducing glo address recognition delays in local a networks with spatial bandwidth reuss Singh, S., see Khanna, V.K. Skellern, D., see Myles, A. Slosiar, R., M. Potts and R. Beeler, MD A distributed queueing protocol with channel capacity re-use and guarante bandwidth Smith, F.D., see Jeffay, K. Sohraby, K., see Akyildiz, I.F. Sohraby, K., see Chowdhury, S.	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap- (6-8) 1007-1022 (5) 541- 562 abal area e (11) 1375-1384 (11) 1437-1446 (3) 349- 355 <sup>3</sup> Q: full e of (6-8) 799- 815 (10) 1281-1304 (1) 1- 4 (9) 1215-1223	A MAC protocol for ring-based Gb. LANs and MANs van As, H.R., Media access techniques: T evolution towards terabit/s LANs and MANs van Leeuwen, J., see Bakker, E.M. Varadharajan, V., see Katsavos, P. Vaughn, R.B., H. Saiedian and E.A. Ung: A proposed mechanism for implement tion of non-discretionary access control in a network environment Verschuren, T., see Huizer, E. Vin, H.M., see Ramanathan, S. Wang, J.L. and J.A. Silvester, Through optimization in single commodity mulhop packet radio networks Watson, G., The S + + MAC protocol Widjaja, I., A. Leon-Garcia and H.T. Motah, The effect of cut-through switchi	II: /s (6-8) he (6-8) (12) er, ta- bls (12) (3) (10)  out (6-8) uf- ing	603 - 656 403 - 421 1539 - 1558 1523 - 1531 305 - 309 1305 - 1322
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave plications Silvester, J.A., see Wang, J.L. Simha, R. and Y. Ofek, Reducing glo address recognition delays in local a networks with spatial bandwidth reus. Singh, S., see Khanna, V.K. Skellern, D., see Myles, A. Slosiar, R., M. Potts and R. Beeler, MD A distributed queueing protocol with channel capacity re-use and guarante bandwidth Smith, F.D., see Jeffay, K. Sohraby, K., see Akyildiz, I.F. Sohraby, K., see Chowdhury, S. Solé-Pareta, J. and J. Domingo-Pasc	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap- (6-8) 1007-1022 (5) 541- 562 obal area e (11) 1375-1384 (11) 1437-1446 (3) 349- 355 (3) Q: full e of (6-8) 799- 815 (10) 1281-1304 (1) 1- 4 (9) 1215-1223	A MAC protocol for ring-based Gb. LANs and MANs van As, H.R., Media access techniques: T evolution towards terabit/s LANs and MANs van Leeuwen, J., see Bakker, E.M. Varadharajan, V., see Katsavos, P. Vaughn, R.B., H. Saiedian and E.A. Ung: A proposed mechanism for implement tion of non-discretionary access control in a network environment Verschuren, T., see Huizer, E. Vin, H.M., see Ramanathan, S. Wang, J.L. and J.A. Silvester, Throughpy optimization in single commodity mulhop packet radio networks Watson, G., The S + + MAC protocol Widjaja, I., A. Leon-Garcia and H.T. Motah, The effect of cut-through switchion the performance of buffered bany	II: /s /s (6-8) he (6-8) (12) er, ta- bls (12) (3) (10) out lti- ing /ran	603 - 656 403 - 421 1539 - 1558 1523 - 1531 305 - 309 1305 - 1322 541 - 562 745 - 755
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave plications Silvester, J.A., see Wang, J.L. Simha, R. and Y. Ofek, Reducing gle address recognition delays in local a networks with spatial bandwidth reuse Singh, S., see Khanna, V.K. Skellern, D., see Myles, A. Slosiar, R., M. Potts and R. Beeler, MD A distributed queueing protocol with channel capacity re-use and guarante bandwidth Smith, F.D., see Jeffay, K. Sohraby, K., see Akyildiz, I.F. Sohraby, K., see Chowdhury, S. Solé-Pareta, J. and J. Domingo-Pasc Burstiness characterization of ATM	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap- (6-8) 1007-1022 (5) 541- 562 obal area e (11) 1375-1384 (11) 1437-1446 (3) 349- 355 (10) 1281-1304 (1) 1- 4 (9) 1215-1223 cual, cell	A MAC protocol for ring-based Gb. LANs and MANs van As, H.R., Media access techniques: Tievolution towards terabit/s LANs and MANs van Leeuwen, J., see Bakker, E.M. Varadharajan, V., see Katsavos, P. Vaughn, R.B., H. Saiedian and E.A. Ung. A proposed mechanism for implemention of non-discretionary access control in a network environment Verschuren, T., see Huizer, E. Vin, H.M., see Ramanathan, S. Wang, J.L. and J.A. Silvester, Throughr optimization in single commodity mulhop packet radio networks Watson, G., The S + + MAC protocol Widjaja, I., A. Leon-Garcia and H.T. Motah, The effect of cut-through switch on the performance of buffered bany networks	II: /s /s (6-8) he (6-8) (6-8) (12) er, ta- bls (12) (3) (10) out lti- (6-8) ing //an (1)	603 - 656 403 - 421 1539 - 1558 1523 - 1531 305 - 309 1305 - 1322 541 - 562 745 - 755
Schindler, H.R., see Zurfluh, E.A. Schindler, H.R., see van As, H.R. Schooley, L.C., see Pitts, R.A. Sen, A. and P. Maitra, A comparative st of Shuffle-Exchange, Manhattan Str and Supercube network for lightwave plications Silvester, J.A., see Wang, J.L. Simha, R. and Y. Ofek, Reducing glo address recognition delays in local a networks with spatial bandwidth reus. Singh, S., see Khanna, V.K. Skellern, D., see Myles, A. Slosiar, R., M. Potts and R. Beeler, MD A distributed queueing protocol with channel capacity re-use and guarante bandwidth Smith, F.D., see Jeffay, K. Sohraby, K., see Akyildiz, I.F. Sohraby, K., see Chowdhury, S. Solé-Pareta, J. and J. Domingo-Pasc	(3) 275- 290 (2) 163- 183 (6-8) 831- 840 (4) 423- 432 udy reet ap- (6-8) 1007-1022 (5) 541- 562 obal area e (11) 1375-1384 (11) 1437-1446 (3) 349- 355 (3) Q: full e of (6-8) 799- 815 (10) 1281-1304 (1) 1- 4 (9) 1215-1223	A MAC protocol for ring-based Gb. LANs and MANs van As, H.R., Media access techniques: T evolution towards terabit/s LANs and MANs van Leeuwen, J., see Bakker, E.M. Varadharajan, V., see Katsavos, P. Vaughn, R.B., H. Saiedian and E.A. Ung: A proposed mechanism for implement tion of non-discretionary access control in a network environment Verschuren, T., see Huizer, E. Vin, H.M., see Ramanathan, S. Wang, J.L. and J.A. Silvester, Throughpy optimization in single commodity mulhop packet radio networks Watson, G., The S + + MAC protocol Widjaja, I., A. Leon-Garcia and H.T. Motah, The effect of cut-through switchion the performance of buffered bany	II: /s /s (6-8) he nd (6-8) (4) (12) er, ta- bls (10) out lti- ing (6-8) (10) (6-8) (6-8) (10)	831- 840 603- 656 403- 421 1539-1558 1523-1531 305- 309 1305-1322 541- 562 745- 755 139- 159 757- 770 695- 710

Wu, GL. and J.W. Mark, Discrete time		Zafiropulo, P., see Zurfluh, E.A.	(2) 163- 18
analysis of leaky-bucket congestion con-		Zafiropulo, P., see van As, H.R.	(6-8) 831- 84
trol	(1) 79- 94	Zanolini, G., see Dècina, M.	(6-8) 1023-104
		Zhang, H., see Ferrari, D.	(10) 1267-128
Yegenoglu, F. and B. Jabbari, Characteriza-		Zhang, T., see Chlamtac, I.	(1) 5- 2
tion and modeling of aggregate traffic for	r	Zucca, D., see Dècina, M.	(6-8) 1023-104
finite buffer statistical multiplexers	(9) 1169-1185	Zukerman, M. and S. Chan, Fairness	in
Youn, C.J. and K.U. Chong, Performance	2	ATM networks	(1) 109- 11
analysis of packet switches with inpu	t	Zurfluh, E.A., R.D. Cideciyan, P. Dill.	R.
and output buffers	(12) 1559-1580	Heller, W. Lemppenau, P. Mueller, I	H.R.
Younger, E.J., K.H. Bennett and R. Hartley		Schindler and P. Zafiropulo, The I	BM
Davies, A model for a broadband cellula	r	Zurich Research Laboratory's 1.13 G	b/s
wireless network for digital communica		LAN/MAN prototype	(2) 163- 18
tions	(4) 391- 402		
Yung, M., see Ofek, Y.	(6-8) 859- 872		



## Subject Index to Volume 26

Access protocols 873

ACK frame 1533

Active badge 1253

Add/Drop ring 831

Address lookup 1425

Aims 275

All-optical 1063

Analytical models 1477

Applications 327, 1251

Arbitrary topology LANs 859

Architectures 391

ARQ 1595

Asynchronous communication 233

Asynchronous transfer mode 95

Asynchronous Transfer Mode (ATM) 433,

785, 799

Asynchronous transfer mode (ATM), B-

**ISDN 585** 

ATM 5, 29, 43, 253, 337, 831, 1043, 1129,

1169, 1225, 1409

ATM multiplexer 525

ATM network 1253

ATM networks 119, 1215

ATM switch 459, 1559

ATM traffic characterization 1351

Average inter-packet delay 1437

Bandwidth allocation 61, 1129, 1215

Bandwidth efficiency 585

8B/10B code 163

Broadband ISDN 785, 799

Broadband-ISDN 1129

Broadband networks 43, 61

**Broadcasting 1023** 

Broadcast protocols 859

Broadcast star 895

Broadcast star network 931

Buffer-free packet switching 195

Buffer insertion rings 817, 859

Buffer insertion technique 831

Bunched (correlated) cell losses 585

Bursty traffic 43

Bus 603

Bus networks 563

Call admission control 1129

Call gapping/leacky bucket 511

CCITT 239

CEC project 275

Cell relay 1447

Certification authority 263

CMIP/CMIS 337

**CMMC 275** 

CNM system load and performance 447

Code-division multiple-access (CDMA) 1063

2<sup>n</sup> codes 1063

Coding architecture 1063

Collision avoidance 895

Collision avoidance protocols 913

Collision-avoidance switch 931

Communication networks 195, 227

Comparison 349

Computer-aided software engineering 1143

Computer communications 1375

Computer Network Design 1235

Computer networks 511, 1477

Configuration management 327

Congestion 511

Congestion control 5, 29, 43, 79, 379, 1169

Congestion control/congestion avoidance

ConMan 327

Connectionless service 1409

Connection management 61

Connection oriented data service 679

Control signals 817

Credit manager algorithm 1457

**CRMA 711** 

Cryptographic key distribution 217

CSMA/CD 1437

Customer network management (CNM) 447

Cut-through switching 185

Data communication 163

Data link layer 1495

Data network 163

Data networks 29

Deflection 1023

Deflection routing 195, 859

Delay 1595

Design 895

Destination stripping 817

Digital audio 1253

Digital video 1253

Directory 239, 1425 **Directory Information Base 1425** 

Directory Information Tree 1425

Directory Services 239
Discrete event simulation 1447
Distributed algorithms 227
Distributed queue dual bus 679
Distributed Queueing 799
Distributed systems 1523
Document delivery 291
Doubly stochastic processes 1169
DQDB 695, 711, 745, 799, 841
Dual-ring networks 817
Duplicates 371
Dynamic network 403

EARN 343
Electronic mail 291
Enhanced transport services 1323
Error control 185
Error recovery 585
European route server 297

Fairness 379, 745
Fairness algorithms 817, 859
Fairness scheduling 831
FDDI 711, 841
FDDI protocol 657
Fiber optic bus 721
Fiber-optic networks 601, 603, 1063
Fiber optics 163
File server 493
Flow control 511
Formal description technique 1101, 1143
Formal models 1343
Frame relay 1447
Frame Relay 1539

Gbit/s LAN 745
Gb/s network 831
Generic types 1143
GFC 799
Gigabit 163
Gigabit networks 913
GIX 297
Global Internet eXchange 297
Graphical representation 1143
Graph theory 227
Guaranteed bandwidth 679
Guaranteed bounds 1267
Guaranteed throughput 817

HDLC protocol 1533

Hierarchical routing 317
High performance national research network 269
High Speed LANs 1437
High-speed local area networks 657
High-speed MAC protocol 831
High-speed network 721
High speed networks 563
High-speed networks 563
High-speed networks 601, 603, 817, 859, 1251
HIMON 343

Host mobility 349 Hot-potato routing 859 Hybrid protocols 913

Idle timer 1533 I-frame 1533 Implementation 895 Implementation aspects 657 Incoherent 1063 Incremental algorithms 227 Input and output queueing 1559 Input rate flow control 1457 Instance 1143 Integrated communications 1253 Integrated services 459 Integrated-services networks 1267 Intelligent networks 511 Interconnection 337 Interval routing 403 Interworking 379 B-ISDN 43, 433 B-ISDN networks 1225 ISO 239 ISO/IEC 239 Iterative methods 493

Key distribution protocols 217 Key management 217

LAN 163, 603, 785, 799, 831 LAPB protocol 1533 Leacky bucket 79 Leaky bucket 1457 Light and heavy traffic approximations 721 Lightwave 1007 Lightwave networks 195, 1043 Light-weight DUA 311 Link layer 1495 Local and metropolitan network 721 Local area network 895 Local area networks 493, 563, 601, 603, 1375 Local area networks (LANs) 817, 859 Location information 1253 Loose Source Route (LSR) 357 Losses 371 Loss-free flow control 859 Loss performance 95

MAC 163, 601, 603
MAC protocol 711
MAC protocols 563, 745
MAE-East LAN 297
MAN 603, 711, 785, 799, 831
Manhattan Street Network 841
Manhattan Street network 1007
Mathematical modeling 119
Mean delay 1477
Measurement tool 371
Media access control (MAC) protocol 817, 859

Media access protocols 913

Medium access control 601, 603

Mesh networks 603

Message Transfer Part (MTP) 1495

Metropolitan area network 1007

Metropolitan Area Network (MAN) Design

Metropolitan area networks 195, 601, 603,

679, 695, 873, 1375 Metropolitan area networks (MANs) 817

MICE 275

Minimum spanning trees 227

Mobile host protocols 349

Mobile hosts 357

Mobile systems 391

Mobility 1089

Modelling and simulation 447

Multiaccess protocol 541

Multichannel 603

Multichannel MAN 1023

Multichannel networks 913

Multi-control channel protocols 913

Multihop 1043

Multimedia 1251, 1323

Multimedia communications 1253

Multimedia conferencing 275

Multimedia networking 1267

Multiple servers 1477

Multiple tokens 1477

Multi-ring networks 817

Multistage interconnection network 433

Name resolution 317

Name resolver 1425

Name server 1425

Name services 1425

NetDyn 371

Network access 357

Network dynamics 371

Network layer 1495

Network-layer relays 379

Network management 337

Network map 327

Network node 163

Network performance 371

Network Performance Index 343

Network protocols 1375

Network requirements 1251

Networks 601, 1251

Network Security Protocols 1539

Network Services Part (NSP) 1495

Network simulation 481

Network synchronization 481

Network topology 391

Neutral interconnection 297

Non-discretionary access controls 1523

Non-technical user 311

No. 7 signaling system 1089

Object-orientation 1143

Object-oriented techniques 447

Objects 1425

ODP security architecture 1343

Office systems 1523

Open Distributed Processing (ODP) systems

1343

Operating systems 1323

Optical fibers 563

Optical networks 913

Optical switching 931

Optimal document retrieval 327

Optimum routing 403

OSI 217, 391

OSI application 239

OSI directory 311

OSI lower layers 337

OSI management 337

OSI Reference Model (RM) 1495

Out-of-sequence packets 371

Packet layer 1495

Packet loss performance 1559

Packet radio 541

Packet routing 195

Packet-switched networks 1447

Packet switching 511, 931

Packet video 1215

Packet voice communications 1385

Packet voice protocol 1385

Partial buffer sharing 95

Participants 275

Passive optical star networks 913

Perfect scheduling 541

Performance 1595

Performance analysis 459, 721, 1447

Performance comparison 873

Performance evaluation 79, 563, 657, 69

1215, 1477

Performance guarantees 1267

Performance study 895

Photonic networks 603

**PHY 163** 

Piggybacking 1533

Piloting activities 275

Planning 269

Pointer activity 481

Pointer simulation 481

Polling systems 1477

Presentation service access point 1425

Prime sequence codes 1063

Priority 433

Priority policy 525

Privacy enhanced mail 263

Privacy of communications 841

Probabilistic scheduling 721

Procurement 269

Protocol mapping 253

Protocol mechanism 657

Protocol specification 233

Prototype implementation 1343

Public key cryptology 263

Quality of service 1267, 1323 Queueing analysis 79 Queueing model 459 Queueing models 493 Queueing systems 119

Queue-length-threshold 525

Random access protocols 913 Rate control 61 Real-time LAN 1437 Real-time packet voice 1447 Realtime protocols 1267 Real-time systems 1323 Receiver collisions 913 Reconstruction algorithm 1385 Reference monitor 1523 Relay systems 337 Reliability 841 Requirements 349 Resequencing delay 1385 Reservation protocols 913 Resource management 43

Ring 603 Ring protocol 785, 799 Routing protocols 1375 Routing scheme 403

Scheduling delay access 1437 Scheduling policy 525 Secure remote access 263 Security management 1343 Security management data base (SMIB) 1343

Security mechanisms, Sentinel 1523 Security protocols 1343

Security services 1343 Security Services 1539

Selective frame-based retransmission 585

Selective repeat protocol 1595 Service access point 233 Service integration 711

Service management 327 Shuffle-Exchange network 1007

ShuffleNet 1043

Signalling Connection Control Part (SCCP) 1495

Signalling System Number 7 (SS7) 1495

Silence 1385

Simulation 511, 563, 721, 873, 1007, 1215, 1477

Sliding window 29

S++745

Slot reuse, Multiple access 695

Slotted ALOHA 541 Smart cards 263 **SNMP 337** SoftPages 327 Source routing 403

Spatial bandwidth reuse 817

Specialization 1143

Specification language 1101

Standardization 657, 679

Standards 239, 275

Star 603

State machines 1143

Statistical multiplexing 43, 119

STP 1089 String 403 Supercube 1007 SuperJANET 269 Switch-based LANs 859

Switches 895 Switching 433

Switching architecture 1225

Switching element 95

Synchronous CDMA (S/CDMA) 1063 Synchronous communication 233 Synchronous digital hierarchy 481

Talkspurt 1385 TCP 29 TCP/IP 357 Teletraffic 1169 Thread scheduling 1323 Throughput 841, 1477, 1595 Throughput optimization 541 Token rings 1477 Traffic 1089, 1251 Traffic classification 43 Traffic integration methods 817 Transfer delay 185

Transient analysis 119 Transit time 371 Transmission scheduling 43

Tree 603

Tree network 895

Type 1143

**UPT 1089** User service profile 1253

Variable-length messages 721 Vertex insertion 227 Video traffic 721 Visual language 1101

**WAN 163** 

Wavelength Division Multiplexing (WDM)

Wavelength-division multiplexing 931

**WDM 603 WDMA 1043** 

Wide area networks 195

Window mechanism 511

X.25 1495, 1533 X.400 291, 317 X.500 239, 317 X.500 directory 327

X.500 directory services 1425

XTP 253

